

CONSTRUCTION SUBCOMMITTEE MEETING
REPORT OF MEETING
AUGUST 31, 2005

Attendees:

<u>Name</u>	<u>Organization</u>
Faith Gavin Kuhn	CCIA
Donna Weaver	DOT
John Cohen	CCEJ
Madeleine Weil	Environment Northeast
Steve Washburn	H.O. Penn Machinery
Bill Menz	DEP
Tracy Babbidge	DEP
Cynthia Holden	DOT
Roger Smith	Clean Water Action
Charles Rothenberger	CT. Fund for the Environment
Mark Mitchell	CCEJ

Transactions:

Construction Projects over 5 Million Dollars:

- DPW- 7 per year, 1999-2005
 - ConnDOT- 2005-11, 2006-11, 2007-8, 2008-12, 2009-5, 2010-6
- All equipment on job site (onroad and nonroad) =454, average over the last five years per job=30-40, non-road over 60 HP=105
- DEP- Contracts to municipalities, 6 this year more than \$5 million- waste water treatment. Tracy will investigate.
 - DECD? Bill contacted Peter Simmons, will follow-up.
 - UCONN- spreadsheet with capitol projects, but confusing.
- DEP's To Do- Comprehensive spreadsheet, all agencies: #jobs, #pieces of equipment, engine age and size, if available. Target due date, one week, Bill will circulate to group.

Technology and Clean Fuels

- DEP put together a spreadsheet with technology options. Recommendations include installed price range, case studies links, ULSD should be listed out separately, cost per ton reductions (ICF report has estimates for CA and TX case studies), links where products used.
- How should certain tiers be addressed? Do they need retrofitting?
- Recommend an acronym definition key.

Idling:

- DOT and DEP idling regulations currently differ from DPW's- could be consolidated.

- Enforcement- typically only when people complain.
- Include anti-idling in regular training course for inspectors. Each department has it's own inspector's but only DEP can enforce. Infraction authority for local police will be on DEP's legislative agenda this year. Construction industry worries that police assigned to job site will issue tickets.
- Idling regulations could be published by CCIA for members.

Q-Bridge

- Contract B bid specification- at June meeting of South Central CT Council of Governments, DOT committed to revising the Contract B bid specification to a) require the use of on-road grade diesel for non-road equipment and b) extend the bid specification emission reduction requirement to dump trucks. DOT has not yet amended this bid specification, but will follow up and report back to group. Current bid specification applies to non-road greater than 60 HP. MA,CA, NY are using 50 HP. Few engines between 50-60 HP. Current advertisement schedule will be reported at next meeting.
- DPF pilot project- The specification will be advertised in a trade magazine for comment. Comment period to be determined. Initial announcement was for two projects, one in New Haven, one in Fairfield County. Hopefully, two projects will be used to include specification. Funding for two DPF's of expected to run about \$50,000 including testing. Funding will come from the project.

DEP Diesel Website:

- Now on-line. Email DEP with things to post, suggestions about usability, etc. Address is [www.dep.state.ct.us/air 2/diesel/](http://www.dep.state.ct.us/air2/diesel/) then Connecticut's Diesel Reduction Initiatives.
- Old Lyme, Westport and Fairfield submitted to Clean School Bus USA- grant applications posted online.
- New Haven application for construction retrofits posted online.
- Add CARB website link.
- Add grants.

Policy Examples:

- CCIA provided MA Highway Department specification- requires DPF or DOC retrofit for all highway department projects, does not require CARB or EPA verification. Tracy will follow up with Kristine Kirby, MA DEP.
- NYC Local Law 77- requires ULSD and BACT for all construction equipment working on City projects. City funded. (MRW email memo 8/12)
- CARB- currently developing in-use construction regulations (MRW email memo 8/25)
- Texas and California diesel retrofits are state funded.

Subcommittee Tasks

- Tracy and Bill will develop spreadsheet of state projects over \$5 million and associate equipment detail where available: # pieces of equipment, duration on job, type/size, engine/vintage.
- Steve will see whether equipment delivery data is available pre-1998.
- Madeleine and Steve will work on developing equipment inventory and emissions inventory for cost/benefit analysis.

- Madeleine will prepare memo about construction retrofit case studies with links to reports.
- Cindy and Donna will follow-up on the amendments to the Contract B specification and the timing of advertising the DPF pilot project specification.
- Donna and Bill will research DPW, DOT and DEP anti-idling specifications.
- Tracy will contact Kristine Kirby on Massachusetts specification.
- Tracy will find out where Indirect Source Permit Regulations are.

Other Notes:

- Industry trending towards rental-based economy. Smaller contractors typically own machines, sometimes sub-contract, sometimes sit in the yard. Bigger businesses tend to rent more.
- Equipment that travels on-road should be registered with DMV.
- Portable generators greater than 60 HP- subject to Q-Bridge requirements. Several retrofitted.
- New regulations for the Indirect Source Permit to include Diesel Reduction Initiative currently at the Attorney General's office. Once regulations include comments for the AG's office they will go to notice.
- The next meeting will be on September 14, 2005 at 10:30 AM at CCIA.